

## Product datasheet for **RG218937**

### CERD4 (DPF3) (NM\_012074) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CERD4 (DPF3) (NM_012074) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DPF3
Synonyms:	BAF45C; CERD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG218937 representing NM_012074 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGACTGTCATTACAACCCCTGAAAGCGCTCGGGGACCAGTTCTACAAGGAAGCCATTGAGCACT  
GCCGGAGTTACAACCTCACGGCTGTGTGCAGAGCGCAGCGTGCCTTCCCTTCTGGACTCACAGACTGG  
GGTGGCCAGAACAACTGCTACATCTGGATGGAGAAGAGGCACCGAGGCCAGGCCTTGCCCGGGCCAG  
CTGTATACATACCCTGCCGCTGCTGGCGAAGAAGAGACGACTGCACCCACCTGAAGATCCAAAATGC  
GGCTGCTGGAGATAAAACCTGAAGTGGAGCTTCCCTGAAGAAGGATGGGTTACCTCAGAGAGCACCAC  
GCTGGAAGCCTTGCTCCGTGGCGAGGGGTTGAGAAGAAGGTGGATGCCAGGGAGGAGAAAGCATCCAG  
GAAATACAGAGGGTTTTGGAAAATGATGAAAATGTAGAAGAAGGGAATGAAGAAGAGGATTTGGAAGAGG  
ATATCCCAAGCGAAAGAACAGGACTAGAGGACGGGCTCACGGCTCTGCAGGGGGCAGGAGGAGGCACGA  
CGCCGCTCTCAGGAAGACCACGACAAACCTTACGTCTGTGACATCTGTGGCAAGCGCTACAAGAACCGA  
CCGGGGCTCAGCTACCACTATGCTCACACTCACCTGGCCAGCGAGGAGGGGGATGAAGCTCAAGACCAGG  
AGACTCGGTCCCCACCAACCACAGAAATGAGAACCACAGGCCCCAGAAAGGACCGGATGGAACAGTCAT  
TCCCAATAACTACTGTGACTTCTGCTTGGGGGGCTCCAACATGAACAAGAAGAGTGGGCGGCCTGAAGAG  
CTGGTGTCTGCGCAGACTGTGGACGCTGCTCATTGGGAGGAGAAGGCAGGAAGGAGAGGAGGCAG  
CGGCCGACAGTACCACGGAGGACTTATTCGGTCCACGTCCAGAAAGTGACACGTCAACTTTCCGCGG  
CTTTGATGAGGACGATTTGGAAGAGCCTCGCTCCTGTGCGAGGACGCCGAGTGGCCGGGGTTCGCCACAC  
GCAGATAAAAAGGGCAGTTGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG218937 representing NM\_012074  
 Red=Cloning site Green=Tags(s)

MATVIHNPLKALGDQFYKEAIEHCRSYNSRLCAERSVRLPFLDSQTGVAQNNCYIWMEKRHRGPGGLAPGQ  
 LYTPARCWRKKRRLHPPEDPKLRLLLEIKPEVELPLKKGFTSESTTLEALLRGEVGEKKVDAREEESIQ  
 EIQRVLENDENVEEGNEEEDLEEDIPKRKNRTRGRAHGSAGGRRRHDAASQEDHDKPYVCDICGKRYKNR  
 PGLSYHYAHTHLASEEGDEAQDQETRSPPNHRNENHRPQKGPDGTVIPNNYCDFCLGGSNMNKKSGRPEE  
 LVSCADCGRSAHLGGEGRKEAAAAARTTEDLFGSTSESDTSTFRGFDEDDLEEPRSCRGRSSGRGSP  
 ADKKGSC

TRTRPLE - GFP Tag - V

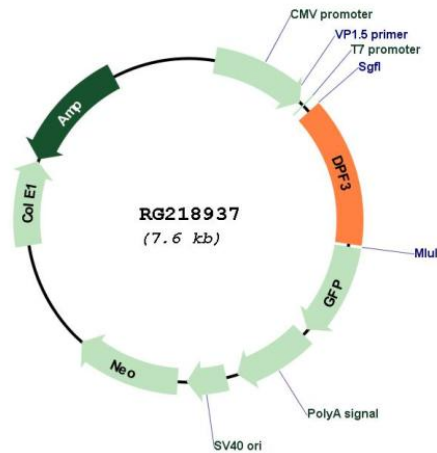
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_012074

<b>ORF Size:</b>	1071 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_012074.3</a> , <a href="#">NP_036206.3</a>
<b>RefSeq Size:</b>	2271 bp
<b>RefSeq ORF:</b>	1074 bp
<b>Locus ID:</b>	8110
<b>UniProt ID:</b>	<a href="#">Q92784</a>
<b>Cytogenetics:</b>	14q24.2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	This gene encodes a member of the D4 protein family. The encoded protein is a transcription regulator that binds acetylated histones and is a component of the BAF chromatin remodeling complex. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]